

MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

April 2002

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
14	1234	B: GUI C: NGK* GCK EBR HYB	04	1527-1556	NGK BDV SPT GUI
17	1107	A: NUR* NGK* VAL* CLF* NAG* MMB* SPT* KAK* KNY* GUI HYB ETT HER B: BDV* HRB* GCK* EBR* LIV	09	0039-0115	MMB KAK KNY
19	0835	A: VAL* CLF* LIV B: NUR* NGK* BDV* HRB* NAG* GCK* MMB* EBR* SPT* KAK* KNY* HYB ETT	09	1257-1309	NGK BDV
23	0448	A: NUR VAL* CLF* SPT* GUI* HYB ETT HER B: BDV* NAG* EBR* GNA CNB LIV C: NGK* HRB GCK	10	1226-1245	NGK BDV GUI

REPORTING OBSERVATORIES (up to the 4th of June 2002):

NUR NGK VAL BDV CLF HRB NAG GCK MMB EBR SPT KAK KNY GUI HYB ETT GNA HER CNB LIV

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The * means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).

Note that we have included data of the Antarctic Station LIVINGSTONE (62° 39' 44" S, 60°23' 41" W) – Luis F.